

REMARKS

Claims 9-12 and 15-16 are pending in this application. By this Amendment, claim 9 is amended. Support for the amended claim can be found, at least, on page 3, line 16 to page 6, line 4 of the specification as filed. No new matter is added.

Claims 9, 11 and 15 are rejected under 35 U.S.C. §103(a) over Japanese Patent Publication No. JP 2000-355766 to Kokusai in view of U.S. Patent No. 5,088,697 to Murakami. Claims 10, 12 and 16 are rejected under 35 U.S.C. §103(a) over Kokusai in view of Murakami, and further in view of U.S. Patent Publication No. 2002/0066412 to Yao et al. ("Yao"). These rejections are respectfully traversed.

Claim 9, as amended, now recites that "among the susceptors formed so that an entirety of the longitudinal sectional shape of the susceptor is warped to an inverted U-shape or to an U-shape during the heat-treating, the susceptor which is warped to the inverted U-shape is selected to be used." Applicant respectfully asserts the applied references do not disclose this feature.

The Office Action alleges that Fig. 2 of Kokusai shows a pocket formed in an inverted U-shape. However, both crevices 31 and 32 in Kokusai are taught to be formed by a Zagury process, which is a mechanical working, such as by machining. Specifically, the alleged susceptor of Kokusai is recessed by having the Zagury provided on the back surface of the susceptor machining.

However, the alleged susceptor of Kokusai itself is not taught to be warped into an inverted U-shape longitudinal section, but remains flat and includes mechanically formed crevices 31 and 32. Although the susceptor may be subjected to heat treatment during vapor growth formation, there is no teaching that the susceptor would warp into a U-shape or an inverted U-shape, if at all. Furthermore, if the susceptor warped upward into a U-shape, the top recess would deepen, likely resulting in excessive slip dislocation. Finally, the result of

the alleged "warp" is an unexpected result. As such, Kokusai does not disclose that the susceptor is warped to an inverted U-shape or to an U-shape or that the susceptor which is warped to the inverted U-shape is selected to be used because one does not select from multiple options of an unexpected result.

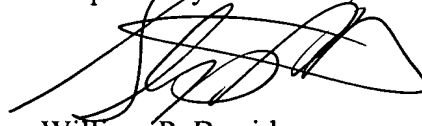
Furthermore, Kokusai does not inherently teach or possess properties, such as reduced slip dislocation occurrence, as achieved by the method of claim 9 using a warped susceptor as recited. Because the "warp" is an unexpected result in Kokusai, one of ordinary skill in the art would not have expected that warp during heat treatment when forming the susceptor could affect the occurrence of slip dislocation during vapor phase formation.

For at least the above reasons, Kokusai does not disclose or suggest the subject matter of claim 9, as amended. Accordingly, withdrawal of the rejection of claim 9, and claims 10-12 and 15-16, depending therefrom, is respectfully requested.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 9-12 and 15-16 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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WPB:SPC/add

Attachment:
Petition for Extension of Time

Date: July 23, 2008

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